

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 15. (Canceled).

16. (New) A steering system arranged as one of (a) a power-assisted steering system and a power steering system, comprising:

a worm gear mechanism including a composite gear wheel arranged as a worm wheel and engages a worm, the worm wheel including a ring gear connectible to a hub by a first disk, an annular projection of the first disk axially engaging with the ring gear, the annular projection including a depression in an axial direction, one of (a) the projection engaging in a form-locked manner with a depression on an axial side face of the ring gear and (b) an axial projection on the axial side face of the ring gear engaging with the depression of the first disk; and

an electric motor arranged to drive the worm gear mechanism;

wherein the projection is conical at the axial side faces of the ring gear.

17. (New) The steering system according to claim 16, wherein a plurality of depressions are arranged on the annular projection of the first disk in a circumferential direction of the first disk.

18. (New) The steering system according to claim 17, wherein the plurality of depressions are spaced apart from each other by a same distance and form a drive toothed section.

19. (New) The steering system according to claim 16, where the depression passes through the annular projection in a radial direction of the first disk.

20. (New) The steering system according to claim 16, wherein the depression passes through the annular projection in a radial direction of the first disk forming curved edges.

21. (New) The steering system according to claim 16, wherein a second disk is arranged on a side opposite the first disk in the axial direction of the ring gear.

22. (New) The steering system according to claim 21, wherein the second disk engages in a form-locked manner with an annular projection of a second axial side face of the ring gear.

23. (New) The steering system according to claim 22, wherein at least one of (a) a number and (b) a shape of depressions on the second disk are approximately the same as on the first disk.

24. (New) The steering system according to claim 16, wherein the first disk is formed in one piece with the hub.

25. (New) The steering system according to claim 22, wherein the second disk is one of (a) screwed and (b) riveted to at least one of (a) the hub and (b) the first disk.

26. (New) The steering system according to claim 22, wherein the second disk is connected to at least one of (a) the hub and (b) the first disk by friction-welding.

27. (New) The steering system according to claim 16, wherein the ring gear is formed of one of (a) a thermoplastic and (b) a duroplastic synthetic material.

28. (New) The steering system according to claim 16, wherein the composite gear wheel is part of one of (a) a power-assisted steering system and (b) a power steering system of a vehicle.

29. (New) The steering system according to claim 28, wherein the composite gear wheel is arranged as a worm wheel of a steer-by-wire system.